

diethylcyclopentadienyl) (fluorenyl) titanium dichloride,
diphenylmethylene (cyclopentadienyl) (3,4-
diethylcyclopentadienyl) titanium dichloride,
diphenylmethylene (cyclopentadienyl) (3,4-
diethylcyclopentadienyl) titanium dichloride,
cyclohexylidene (cyclopentadienyl) (fluorenyl) titanium
dichloride, cyclohexylidene (2,5-
dimethylcyclopentadienyl) (3',4'-
dimethylcyclopentadienyl) titanium dichloride, etc.

(3) Transition metal compounds having two silylene-
crosslinked, conjugated, 5-membered cyclic ligands, such as
dimethylsilylenebis(indenyl) titanium dichloride,
dimethylsilylenebis(4,5,6,7-tetrahydroindenyl) titanium
dichloride, dimethylsilylenebis(2-methylindenyl) titanium
dichloride, dimethylsilylenebis(2,4-
dimethylindenyl) titanium dichloride,
dimethylsilylenebis(2,4-dimethylcyclopentadienyl) (3',5'-
dimethylcyclopentadienyl) titanium dichloride,
phenylmethylsilylenebis(indenyl) titanium dichloride,
phenylmethylsilylenebis(4,5,6,7-tetrahydroindenyl) titanium
dichloride, phenylmethylsilylenebis(2,4-
dimethylindenyl) titanium dichloride,
phenylmethylsilylene(2,4-dimethylcyclopentadienyl) (3',5'-
dimethylcyclopentadienyl) titanium dichloride,
phenylmethylsilylene(2,3,5-

trimethylcyclopentadienyl) (2',4',5'-
trimethylcyclopentadienyl) titanium dichloride,
phenylmethylsilylenebis (tetramethylcyclopentadienyl) -
titanium dichloride, diphenylsilylenebis (2,4-
dimethylindenyl) titanium dichloride,
diphenylsilylenebis (indenyl) titanium dichloride,
diphenylsilylenebis (2-methylindenyl) titanium dichloride,
tetramethyldisilylenebis (indenyl) titanium dichloride,
tetramethyldisilylenebis (cyclopentadienyl) titanium
dichloride, tetramethyldisilylene (3-
methylcyclopentadienyl) (indenyl) titanium dichloride,
dimethylsilylene (cyclopentadienyl) (3,4-
dimethylcyclopentadienyl) titanium dichloride,
dimethylsilylene-
(cyclopentadienyl) (trimethylcyclopentadienyl) titanium
dichloride, dimethylsilylene-
(cyclopentadienyl) (tetramethylcyclopentadienyl) titanium
dichloride, dimethylsilylene (cyclopentadienyl) (3,4-
diethylcyclopentadienyl) titanium dichloride,
dimethylsilylene-
(cyclopentadienyl) (triethylcyclopentadienyl) titanium
dichloride, dimethylsilylene-
(cyclopentadienyl) (tetraethylcyclopentadienyl) titanium
dichloride,
dimethylsilylene (cyclopentadienyl) (fluorenyl) titanium

dichloride, dimethylsilylene(cyclopentadienyl) (2,7-di-t-butylfluorenyl) titanium dichloride, dimethylsilylene(cyclopentadienyl) (octahydrofluorenyl) titanium dichloride, dimethylsilylene(2-methylcyclopentadienyl) (fluorenyl) titanium dichloride, dimethylsilylene(2,5-dimethylcyclopentadienyl) (fluorenyl) titanium dichloride, dimethylsilylene(2-ethylcyclopentadienyl) (fluorenyl) titanium dichloride, dimethylsilylene(2,5-diethylcyclopentadienyl) (fluorenyl) titanium dichloride, dimethylsilylene(2-methylcyclopentadienyl) (2',7'-di-t-butylfluorenyl) titanium dichloride, dimethylsilylene(2,5-dimethylcyclopentadienyl) (2',7'-di-t-butylfluorenyl) titanium dichloride, dimethylsilylene(2-ethylcyclopentadienyl) (2',7'-di-t-butylfluorenyl) titanium dichloride, dimethylsilylene(diethylcyclopentadienyl) (2,7-di-t-butylfluorenyl) titanium dichloride, dimethylsilylene(methylcyclopentadienyl) (octahydrofluorenyl) titanium dichloride, dimethylsilylene(dimethylcyclopentadienyl) (octahydrofluorenyl) titanium dichloride, dimethylsilylene(ethylcyclopentadienyl) (octahydrofluorenyl) titanium dichloride, dimethylsilylene-